

FORM PTO-1390  
(REV 12-2001)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTORNEY DOCKET NO.  
59643.00582TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

DATE: March 7, 2005

U.S. APPLN. NO.  
(IF KNOWN, SEE 37 C.F.R. 1.5)

107526761

INTERNATIONAL APPLICATION NO. PCT/FI2002/000728	INTERNATIONAL FILING DATE 10 September 2002	PRIORITY DATE CLAIMED
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## TITLE OF INVENTION: MEASUREMENTS IN COMMUNICATIONS SYSTEMS

APPLICANT(S) FOR DO/EO/US: Antti TÖLLI; Uwe SCHWARZ; Petteri HAKALIN; Heikki HIRVONEN

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.  
(THE BASIC FILING FEE IS ATTACHED)
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This express request to begin national examination procedures [35 U.S.C. 371(f)] at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed [35 U.S.C. 371(c)(2)]
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]
  - a.  are transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  have been transmitted by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].
9.  An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].

Items 11 - 19 below concern other document(s) or information included:

11.  An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98, along with form PTO-1449 and 3 References.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.  
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14.  A substitute specification.
15.  A change of power of attorney and/or address letter.
16.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
17.  A second copy of the published international application under 35 U.S.C. 154(d)(4).
18.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
19.  Other items or information: CHECK NO. 12646; Formal Drawings (Figs. 1-11; 10 sheets); PCT/ISA/210; PCT/IPEA/409; PCT/IPEA/401; PCT Request

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				DATE: March 7, 2005
20. <input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS   PTO USE ONLY
Basic National Stage Fee ..... \$300.00 National Stage Search Fee ..... \$500.00 National Stage Examination Fee ..... \$200.00				
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				\$ 1,000.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 C.F.R. 1.492(e)].				
Claims	Number Filed	Number Extra	Rate	
Total Claims	21 - 20 =	1	X \$ 50.00	\$ 50.00
Independent Claims	3 - 3 =	0	X \$ 200.00	
Multiple dependent claim(s) (if applicable)			+ \$360.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
- 100 =	/50 =		X \$250.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,050.00
Reduction by one-half for filing by small entity, if applicable. <b>Applicant claims small entity status.</b> See 37 CFR 1.27.				
<b>SUBTOTAL =</b>				\$ 1,050.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)]. +				
<b>TOTAL NATIONAL FEE =</b>				\$ 1,050.00
Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +				\$ 40.00
<b>TOTAL FEES ENCLOSED =</b>				\$ 1,090.00
				Amount to be refunded \$
				Charged \$

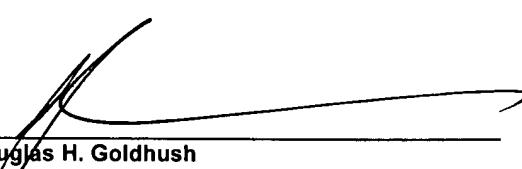
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- a.  A check in the amount of \$1,090.00 to cover the above fees is enclosed.
- b.  Please charge Counsel's Deposit Account No. 50-2222 in the amount of \$\_\_\_\_ to cover the above fee.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Counsel's Deposit Account No. 50-2222.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive [37 C.F.R. 1.137(a) or (b)] must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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